

## BrightVision Poly- HRP-Anti Ms/Rb/Rt IgG Biotin-free, One Component Ready-to-use

**Application:**

BrightVision Histostaining reagents utilize a novel controlled polymerisation technology to prepare polymeric HRP-linker antibody conjugates. Comparing to conventional biotin-streptavidin based detection kits, BrightVision histostaining kits have the advantages of higher amplification power, biotin free and more consistent immunostaining outcomes on archival tissues and on difficult-to-work antibodies. (ref-1). These advantages would bring to laboratories the benefit of more accurate result, faster turn-around, less trouble shooting and better costs-saving.

**Kit Components:** Poly-HRP-Anti-mouse/rabbit/rat IgG (ready-to-use).

**Availability:**

Catalog No.	Contents	Volume
<b>DPVO999HRP</b>	Poly-HRP-Anti-mouse/rabbit/rat IgG (ready-to-use)	1000 ml
<b>DPVO500HRP</b>	Poly-HRP-Anti-mouse/rabbit/rat IgG (ready-to-use)	500 ml
<b>DPVO110HRP</b>	Poly-HRP-Anti-mouse/rabbit/rat IgG (ready-to-use)	110 ml
<b>DPVO55HRP</b>	Poly-HRP-Anti-mouse/rabbit/rat IgG (ready-to-use)	55 ml

**Species of origin:** Goat

**Antigen Specificity:** Anti-Mouse IgG (H+L), Anti-Rabbit IgG (H+L), Anti-Rat IgG (H+L)

**Enzyme Conjugate:** Peroxidase






**Recommended Staining Protocol (kit components in bold):**

1. Deparaffinize and rehydrate tissue section.
2. To reduce non-specific background staining due to endogenous peroxidase, incubate slide in hydrogen peroxide for 10-15 minutes.
3. Wash 2 times in PBS or TBS wash buffer.
4. If required, incubate tissue in digestive enzyme (or appropriate pre-treatment).
5. Wash 2 times in PBS or TBS wash buffer.
6. (Optional) Apply Pre-antibody Blocking Solution (NGS) and incubate for 5 minutes at room temperature to block non-specific background staining.  
Note: Do not exceed 10 minutes or there may be a reduction in desired stain.
7. Wash 2 times in PBS or TBS wash buffer.
8. Apply primary mouse or rabbit antibody and incubate according to manufacturer's protocol.
9. Wash 2 times in PBS or TBS wash buffer.
10. Apply **Poly-HRP-Goat anti Mouse/Rabbit/Rat IgG**, and incubate for 30 minutes at room temperature.
11. Wash 2 times in PBS or TBS wash buffer.
12. Incubate with peroxidase-compatible chromogen of choice according to manufacturer's recommendations.
13. Counterstain and coverslip.

**Note:** Pre-antibody blocking is optional and can be omitted if primary antibodies are diluted in buffers containing 2-10% normal goat serum.

**Reference:**

- 1) Shan-Rong Shi, James Guo, Richard J. cote, Lillian Young, Debra Hawes, Yan Shi, Sandra Thu and Clive R. Taylor, Applied Immunohistochemistry & Molecular Morphology, vol 7, 201-208, 1999.

	CE Mark (European Union Countries)		In Vitro Diagnostic Medical Device		Immunologic BV Typograaf 16 6921 VB Duiven The Netherlands
	Consult Instructions for use		2-8 °C		T +31 (0) 316-250309 F +31 (0) 316-280809 I www.immunologic.nl E info@immunologic.nl